

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/762516.app.	US-PGPUB; USPAT	OR	ON	2007/09/29 18:47
S2	7	blue near3 ray same (((copy data) near3 protection) drm (digital near3 right))	US-PGPUB; USPAT	OR	ON	2007/09/28 18:06
S3	3229	369/47,21,52.1,53.21,59.25,275.3. ccls.	US-PGPUB; USPAT	OR	ON	2007/09/28 16:44
S4	15951	"380"/\$.ccls. 713/193.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/28 16:45
S5	40	S3 and S4	US-PGPUB; USPAT	OR	ON	2007/09/28 16:46
S6	0	S5 and (pits with (left right) same wobbled)	US-PGPUB; USPAT	OR	ON	2007/09/28 16:47
S7	51	(pits with (left right) same wobbled)	US-PGPUB; USPAT	OR	ON	2007/09/28 16:48
S8	3	S4 and S7	US-PGPUB; USPAT	OR	ON	2007/09/28 16:48
S9	4	(intermittent alternate) near4 wobbled adj2 pits	US-PGPUB; USPAT	OR	ON	2007/09/28 18:11
S10	293	pit with shift\$3 near4 track	US-PGPUB; USPAT	OR	ON	2007/09/28 18:33
S11	26	pit with shift\$3 near4 track same (left right)	US-PGPUB; USPAT; JPO	OR	ON	2007/09/28 16:51
S12	7	S11 and wobbled near3 pits	US-PGPUB; USPAT; JPO	OR	ON	2007/09/28 16:51
S13	34	S10 and (((copy data) near3 protection) drm (digital near3 right))	US-PGPUB; USPAT	OR	ON	2007/09/28 16:53
S14	39	S10 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US-PGPUB; USPAT	OR	ON	2007/09/28 18:33
S15	4613	wobb\$4 with (pit groove)	US-PGPUB; USPAT	OR	ON	2007/09/28 17:48
S16	688	wobb\$4 with (pit groove) and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US-PGPUB; USPAT	OR	ON	2007/09/28 18:06
S17	112	wobb\$4 with (pit groove) same (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US-PGPUB; USPAT	OR	ON	2007/09/28 17:48

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S18	8	S7 and S17	US-PGPUB; USPAT	OR	ON	2007/09/28 17:48
S19	2957	(bi adj phase) bi\$phase and (data information) with wobbl\$5 near5 pit	US-PGPUB; USPAT	OR	ON	2007/09/28 17:50
S20	91	((bi adj phase) bi\$phase) and ((data information) with (wobbl\$5 near5 pit))	US-PGPUB; USPAT	OR	ON	2007/09/28 17:50
S21	37	S20 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US-PGPUB; USPAT	OR	ON	2007/09/28 18:06
S22	17	S3 and S21	US-PGPUB; USPAT	OR	ON	2007/09/28 18:04
S23	10157	lg near3 electronics.as.	US-PGPUB; USPAT	OR	ON	2007/09/28 18:04
S24	13980	lg near3 electronics.as. (sang near3 suh).in. (jin near3 kim).in.	US-PGPUB; USPAT	OR	ON	2007/09/28 18:05
S25	1933	S24 and (cd dvd bd-R (blue near3 ray))	US-PGPUB; USPAT	OR	ON	2007/09/28 18:06
S26	109	S25 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US-PGPUB; USPAT	OR	ON	2007/09/28 18:06
S27	15	S26 and wobbb\$4 with (pit groove)	US-PGPUB; USPAT	OR	ON	2007/09/28 18:11
S28	46734	"369"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/28 18:11
S29	107	S4 and S28	US-PGPUB; USPAT	OR	ON	2007/09/28 18:11
S30	0	S29 and wobbled adj2 pits	US-PGPUB; USPAT	OR	ON	2007/09/28 18:11
S31	6	S15 and S29	US-PGPUB; USPAT	OR	ON	2007/09/28 18:12
S32	4	S28 and (wobbled adj2 pit near5 pattern) same (lead\$in (lead near3 in))	US-PGPUB; USPAT	OR	ON	2007/09/28 18:13
S33	39	S10 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US-PGPUB; USPAT	OR	ON	2007/09/28 18:33
S34	39	S10 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US-PGPUB; USPAT; JPO	OR	ON	2007/09/28 18:34
S35	340	pit with shift\$3 near4 track	US-PGPUB; USPAT; JPO	OR	ON	2007/09/28 18:33
S37	86	S35 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US-PGPUB; USPAT; JPO	OR	ON	2007/09/28 18:34

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S38	5	S37 and (encod\$3 encrypt\$3 scrambl\$3) same (copy near3 protection)	US-PGPUB; USPAT; JPO	OR	ON	2007/09/28 18:43
S39	9	(encod\$3 encrypt\$3 scrambl\$3) same (copy near3 protection) same ((wobbled zigzag) adj2 pits)	US-PGPUB; USPAT; JPO	OR	ON	2007/09/28 19:22
S40	3	((minimum adj shift adj key\$3) (msk)) same ((wobbled zigzag) adj2 pits)	US-PGPUB; USPAT; JPO	OR	ON	2007/09/28 19:22
S44	1	"7164647".pn.	US-PGPUB; USPAT	OR	ON	2007/09/28 19:06
S45	1	"20020048238"	US-PGPUB; USPAT	OR	ON	2007/09/28 19:06
S46	0	("2002/0048238").URPN.	USPAT	OR	ON	2007/09/28 19:16
S47	1	"7123557".pn.	USPAT	OR	ON	2007/09/28 19:16
S48	4983	deviation near3 shape	US-PGPUB; USPAT	OR	ON	2007/09/28 22:46
S49	3	S48 and pit near4 shift\$3 with (left right)	US-PGPUB; USPAT	OR	ON	2007/09/28 22:46
S50	3	S48 and wobbled near3 pit	US-PGPUB; USPAT	OR	ON	2007/09/28 22:46
S51	3229	369/47,21,52.1,53.21,59.25,275.3. ccls.	US-PGPUB; USPAT	OR	ON	2007/09/28 22:46
S52	6	S48 and S51	US-PGPUB; USPAT	OR	ON	2007/09/28 22:46
S53	4	(intermittent alternate) near3 wobbled adj2 pits	US-PGPUB; USPAT	OR	ON	2007/09/28 23:09
S54	3	(bpsk (binary adj phase adj shift adj key\$3)) same wobbled adj2 pits	US-PGPUB; USPAT	OR	ON	2007/09/28 23:16
S55	8352	(bpsk (binary adj phase adj shift adj key\$3))	US-PGPUB; USPAT	OR	ON	2007/09/28 23:10
S56	19	S51 and S55	US-PGPUB; USPAT	OR	ON	2007/09/28 23:10
S57	3	(bpsk (binary adj phase adj shift adj key\$3)) same wobble\$1 adj2 pits	US-PGPUB; USPAT	OR	ON	2007/09/28 23:16
S58	50	(bpsk (binary adj phase adj shift adj key\$3)) same wobble\$1	US-PGPUB; USPAT	OR	ON	2007/09/28 23:25
S59	3	S48 and S58	US-PGPUB; USPAT	OR	ON	2007/09/28 23:17
S60	6	S48 and S51	US-PGPUB; USPAT	OR	ON	2007/09/28 23:17
S61	24	S58 and (encod\$3 encrypt\$3 cipher\$3 scrambl\$3)	US-PGPUB; USPAT	OR	ON	2007/09/29 00:47

## EAST Search History

S62	3	(6031815 6223285 6289102).pn.	US-PGPUB; USPAT	OR	ON	2007/09/28 23:36
S63	1	"20020041686"	US-PGPUB; USPAT	OR	ON	2007/09/28 23:44
S64	1	"20030007432"	US-PGPUB; USPAT	OR	ON	2007/09/28 23:51
S65	1	"5809006".pn.	US-PGPUB; USPAT	OR	ON	2007/09/28 23:45
S67	1	"20040120247"	US-PGPUB; USPAT	OR	ON	2007/09/28 23:51
S68	5	S58 and (encrypt\$3 cipher\$3)	US-PGPUB; USPAT	OR	ON	2007/09/29 00:47
S69	1	"5696757".pn.	US-PGPUB; USPAT	OR	ON	2007/09/29 01:51
S70	1	"5572507".pn.	US-PGPUB; USPAT	OR	ON	2007/09/29 01:51
S71	31	(lead\$in lead-in) with wobbl\$3 adj2 (pit bit)	US-PGPUB; USPAT	OR	ON	2007/09/29 22:58